

4.12 ENERGY REQUIREMENTS AND CONSERVATION POTENTIAL OF THE VARIOUS ALTERNATIVES AND MITIGATION MEASURES

The proposed long-term storage and disposition alternatives would result in increased energy demands at the affected site or sites during the construction and operation phases. The anticipated energy requirements of all the alternatives would be within the supply capacities of the power grid that would serve its candidate or representative site. Fuel requirements would exceed the current site availability during operation at NTS, Pantex, ORR, and SRS for several of the alternatives, but can be accommodated through normal contractual means. For the Preferred Alternative, additional oil needed at SRS would be required and could be obtained through normal contractual means. Since Hanford, NTS, INEL, and SRS do not use natural gas, the facilities would have to be redesigned to burn fuel oil. Energy requirements would be subject to established conservation practices at the affected site.